



## Cover Sheet

**Please complete this page ONCE and return with your Grant Category Application(s)**

Town/Organization: WOODSTOCK

Primary Contact Person (Responsible for Signing Grant Agreement): Eric Duffy

Title: Town Manager

Address: 31 The Green, Woodstock, VT 05091

*Street Address* *Town* *Zip*

Primary Contact Person Email: Mark Hunter Phone: (802) 457-2233

SAM unique ID #: K1ZNLAKRJK7 Fiscal Year End Month (MM): 06

Town Clerk / Admin email: clerk@townofwoodstock.org

Road Foreman Name: Mark Hunter Road Foreman Email: dpw@townofwoodstock.org



# Vermont Better Roads Grant Program



## **CATEGORY B/C/D**

Please complete one application per project you are applying for.

Please check the Category you are applying for:

- B. Correction of a Road Related Erosion Problem and/or Stormwater Mitigation**
- C. Correction of a Stream Bank, Lake Shore or Slope Related Problem
- D. Structure/culvert 36" diameter or greater

Municipality: Woodstock

Road Name: Morgan Hill Rd TH #: 54 Structure # (if applicable): \_\_\_\_\_

Road Type: Paved or **Unpaved** (select one) Road Class: 1 2 **3** 4 (select one)

Please provide a thorough description of the erosion/water quality problem (ex. Roadway has steep slope with no ditch which is causing severe roadway erosion, which outlets into the Lamoille River): \_\_\_\_\_

Morgan Hill Rd has very narrow (varies from 14'-17' width) lanes and steep roadway greater than 10% with no ditching. During heavy rain events, the stormwater has nowhere to go but down the roadway causing severe roadway erosion and into the Kedron Brook and greater Ottauquechee River watershed.

Has the town completed an MRGP compliant road erosion inventory?

- Yes     No     In progress

Project Length (linear feet along roadway): 1640 ft.

Number of structures/culverts replaced/repaired: 1

Average slope of roadway:     0-5%     5-10%     >10%

Provide a VERY detailed map of project location showing start and end points:  Included

Provide a sketch of project location showing distances and project details:  Included



# Vermont Better Roads Grant Program



Please provide the Road Segment ID (RSID) for your project. If several, please list all. In addition to the RSID please indicate what the resulting rating of each segment before construction as well as after construction in accordance with the MRGP.\* (i.e., Fully Meets Standard, Partially Meets, Does Not Meet) For assistance, please contact Better Roads Staff (802)828-4585.

RSID	Hydrologically Connected?		Pre-construction MRGP Conformance			Post-construction MRGP Conformance		
	Yes	No	Fully Meets	Partially Meets	Does Not Meet	Fully Meets	Partially Meets	Does Not Meet
135498	X				X	X		
135499	X				X	X		
135500	X				X	X		
135501	X				X	X		
135502	X				X	X		

\*In order to “Fully Meet” the standards the road segment must have proper crown, removal of shoulder berms, proper ditching, proper conveyance and no erosion present at culvert inlets and outlets.



# Vermont Better Roads Grant Program



## Environmental Concerns:

All projects require a review of potential impacts by our environmental team. To expedite the review process, please check the boxes below that describe existing structures/conditions to be replaced/maintained (if any) and the project description that applies (if any).

Existing Structures:	
<input checked="" type="checkbox"/> Steel/Plastic Culvert	<input type="checkbox"/> Concrete Box Culvert
<input type="checkbox"/> Stone Culvert – <b>Take pictures</b>	<input type="checkbox"/> Concrete Bridge
<input type="checkbox"/> Ditch	<input type="checkbox"/> Rolled Beam/Plate Girder Bridge
<input type="checkbox"/> Foundation remains, mill ruins, stone walls, other – <b>Take pictures</b>	<input type="checkbox"/> Stone abutments or piers – <b>Take pictures</b>
<input type="checkbox"/> Buildings within 300 feet of work - <b>Take pictures</b>	
Project Description:	
<input checked="" type="checkbox"/> New ditches will be established	<input checked="" type="checkbox"/> All work will be completed from the existing road or shoulder
<input type="checkbox"/> Reestablishing existing ditches only	<input type="checkbox"/> There will be excavation within 300 feet or a river or stream – <b>Take pictures</b>
<input type="checkbox"/> The structure is being replaced on existing location/alignment	<input checked="" type="checkbox"/> Road reclaiming, reconstruction, or widening
<input type="checkbox"/> Excavation within a floodplain – <b>Take pictures</b>	<input type="checkbox"/> Temporary off-road access is required
<input checked="" type="checkbox"/> Tree cutting/clearing – <b>Take pictures</b>	<input type="checkbox"/> The roadway will be realigned

Please describe the project and how it will create a positive water quality benefit (ex. Reshape 500' of ditch and line with 12 inch minus stone, to prevent sediment from entering the Lamoille River at the bottom of the hill):

The town proposes to widen the roadway to 20ft where possible, include tree removal for road widening and install a stone line ditch with 7"-12" erosion stone on the left side of roadway to allow stormwater to go into the ditch. This will reduce road washouts and sediment erosion into the Kedron Brook and greater Ottauquechee River watershed. The town will also replace an undersized culvert at the top of the hill to meet culvert standards at 18".

Please list any professionals or partners that assisted with planning this project (ANR River Management Engineer, Army Corps of Engineers, VTrans staff, Basin Planner, RPC staff, etc.):

Rita Seto, Two Rivers-Ottawquechee Regional Commission

Is the project located in the town "Right of Way?" (select one)  Yes  No  Both

Please be aware, Municipalities are required to have an Agreement for Entry & Liability Release for any impacted properties (prior to the start of construction.)



# Vermont Better Roads Grant Program



## Budget:

Please attach a project budget and confirm below that is attached:

Project budget IS attached

Are you applying to other grant programs to help fund this project? If so, what programs? Please note that Better Roads requires a 20% local match and Better Roads funding may not be used as match for other state or federally funded programs.

\_\_\_\_\_ No \_\_\_\_\_

<b>Requested Grant Amount:</b> + <b>Local Match:</b> = <b>Total Project Cost:</b>	\$ __20,000___.00_  \$ __26,200___.00_  <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <b>\$ 46,200___.00_</b> </div>	<b>Requested Grant Amount Max:</b> \$20,000 Category B \$40,000 Category C \$60,000 Category D  <div style="border: 1px solid black; padding: 5px; text-align: center;">           See page 6 for more information on            calculating match         </div>
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Estimated Completion Date: 6/30/2025

### REQUIRED ATTACHMENTS:

Please use the documentation checklist below to ensure that all of the relevant items regarding your application have been included. **It is preferred that your application is a single PDF file.**

- Grant application cover sheet
- Grant application form, including chart with RSID and MRGP compliance before and after project completion
- Itemized Cost estimate for labor, equipment, and materials (see enclosed Cost Estimate Worksheet). If applicable, please break down funding by source (i.e. different grant sources).
- Detailed Project Location Map
- Sketch of proposed project and erosion control measures or other management practices, including distances in feet
  - Also show approximate location of town/other right-of-way and/or property lines and limits of work
- Photos must be color and clear to see.**
  - Please make sure there are enough photos to get a good idea of the project area**
- Other appropriate supporting documents.

By signing this application, I certify that all the information provided is accurate to the best of my knowledge. We will comply with all the requirements of the grant including making our books available for audit if required.

**SIGNATURE OF APPLICANT:**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**MUST BE TOWN ADMINISTRATOR/MANAGER OR SELECT BOARD CHAIR**

# Cost Estimate Worksheet

Town and Road Name:

Project Name:

Labor	Rate	# Hours	Total (Rate x Hours)
<b>Labor Total</b>			

Equipment	Rate	# Hours	Total (Rate x Hours)
<b>Equipment Total</b>			

Materials	Rate	Amount	Total (Rate x Amount)
<b>Materials Total</b>			

Miscellaneous	Rate	Amount	Total (Rate x Hours)
<b>Miscellaneous Total</b>			

**Grand Total** \_\_\_\_\_  
**Match** \_\_\_\_\_





Kristian Kurtzhalz  
 (802)-291-4074  
 572 Cross Rd  
 West Windsor, VT  
 05089  
 kkurtzhalz802@gmail.com

# Estimate

Name/Address
Town of Woodstock Vt

Estimate No.
291

Date
12/12/23

Item	Description	Quantity	Cost	Total
excavation	<p>Morgan Hill Rd width expansion:</p> <ul style="list-style-type: none"> <li>-Stump the roadside that's been cut for the road expansion. Stumps will be loaded on trucks and dumped at highway garage</li> <li>-Cut out the bank to allow room for the expansion and ditch. Material will be brought to and disposed of at the highway garage</li> <li>-The exposed ledge will then be hammered out and removed</li> <li>-Import and install 3" dense grade as the road base material for the expansion within 6" of final grade</li> <li>-Import and install 3/4" Twin Pack on top of the road base</li> <li>-Install and stone line a 3-4' ditch to ensure proper run off and maintain the road extensions shoulder</li> </ul> <p>**All stone products and trucking will be provided by the DPW**</p> <p>**Existing road width varies from 14'-17' but the final goal is to have a consistent 20' driving lanes width**</p> <p>***This estimate does not include any trucking. The highway department is willing to provide trucking for the project. In the event we need to put on a truck, an additional \$125 per hour rate will be added to the final invoice**</p>		38,200.00	38,200.00
excavation	<p>Hammering estimate:</p> <p>This estimate does not include the price for hammering out the ledge. A price of \$325 per hour will be added to the final invoice for the hammering</p>		8,000.00	8,000.00

	Total
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Kristian Kurtzhalz  
 (802)-291-4074  
 572 Cross Rd  
 West Windsor, VT  
 05089  
 kkurtzhalz802@gmail.com

# Estimate

Name/Address
Town of Woodstock Vt

Estimate No.
291

Date
12/12/23

Item	Description	Quantity	Cost	Total
	needed but the expected price for the hammering is \$8,000 - \$12,000 Sales Tax		0.00%	0.00

	Total	\$46,200.00
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TOWN OF WOODSTOCK FY25 VTRANS BETTER ROADS CAT B – MORGAN HILL RD PRE-PICS



135502 before 1 – widen road 2-4ft and install stone line ditch on left side going uphill



135502 before 2 - widen road 2-4ft and install stone line ditch on left side going uphill

TOWN OF WOODSTOCK FY25 VTRANS BETTER ROADS CAT B – MORGAN HILL RD PRE-PICS



135501 before 1 - widen road 2-4ft and install stone line ditch on left side going uphill



135500 before 1 - widen road 2-4ft and install stone line ditch on left side going uphill

TOWN OF WOODSTOCK FY25 VTRANS BETTER ROADS CAT B – MORGAN HILL RD PRE-PICS



135500 before 2 - widen road 2-4ft and install stone line ditch on left side going uphill



135499 before 1 - widen road 2-4ft and install stone line ditch on left side going uphill

TOWN OF WOODSTOCK FY25 VTRANS BETTER ROADS CAT B – MORGAN HILL RD PRE-PICS



135498 before 1 - widen road 2-4ft and install stone line ditch on left side going uphill